

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/532,480

Source: PT/10

Date Processed by STIC: 5/3/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 05/03/2005

PATENT APPLICATION: US/10/532,480

TIME: 13:32:22

Input Set : A:\12920.0014.00PC00.st25.txt

Output Set: N:\CRF4\05032005\J532480.raw

3 <110> APPLICANT: Garry, Jr., Robert F.
 4 McKeating, Jane A.
 5 Dash, Srikanta
 6 Coy, David H.
 8 <120> TITLE OF INVENTION: FLAVIVIRUS FUSION INHIBITORS
 10 <130> FILE REFERENCE: 12920.0014.00PC00 (TUMC014P)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/532,480
 C--> 13 <141> CURRENT FILING DATE: 2005-04-22
 15 <150> PRIOR APPLICATION NUMBER: 60/424,746
 16 <151> PRIOR FILING DATE: 2002-11-08
 18 <160> NUMBER OF SEQ ID NOS: 65
 20 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 30
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Synthetic Peptide
 30 <220> FEATURE:
 31 <221> NAME/KEY: MOD_RES
 32 <222> LOCATION: (1)..(1)
 33 <223> OTHER INFORMATION: The amino-terminal amino acid residue comprises an amino
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 34 is modified to contain one of the following groups: acetyl,
 35 hydrophobic, macromolecular, carbobenzoxy, dansyl,
 36 t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
 38 <220> FEATURE:
 39 <221> NAME/KEY: MOD_RES
 40 <222> LOCATION: (30)..(30)
 41 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
 42 group or one of the following groups: amido, hydrophobic,
 43 macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
 44 carbohydrate
 46 <400> SEQUENCE: 1
 48 Tyr Gln Val Arg Asn Ser Ser Gly Leu Tyr His Val Thr Asn Asp Cys
 49 1 5 10 15
 51 Pro Asn Ser Ser Ile Val Tyr Glu Ala Ala Asp Ala Ile Leu
 52 20 25 30
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 56 <211> LENGTH: 34
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Synthetic Peptide

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63 <220> FEATURE:
64 <221> NAME/KEY: MOD_RES
65 <222> LOCATION: (1)..(1)
66 <223> OTHER INFORMATION: The amino-terminal amino acid residue comprises an amino
group or
67     is modified to contain one of the following groups: acetyl,
68     hydrophobic, macromolecular, carbobenzoxy, dansyl,
69     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
71 <220> FEATURE:
72 <221> NAME/KEY: MOD_RES
73 <222> LOCATION: (34)..(34)
74 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
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76     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
77     carbohydrate
79 <400> SEQUENCE: 2
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84 Val Gly Gln Leu Phe Thr Phe Ser Pro Arg Arg His Trp Thr Thr Gln
85           20           25           30
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103     is modified to contain one of the following groups: acetyl,
104     hydrophobic, macromolecular, carbobenzoxy, dansyl,
105     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
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108 <221> NAME/KEY: MOD_RES
109 <222> LOCATION: (36)..(36)
110 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
111     group or one of the following groups: amido, hydrophobic,
112     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
113     carbohydrate
115 <400> SEQUENCE: 3
117 Ser Pro Arg Arg His Trp Thr Thr Gln Asp Cys Asn Cys Ser Ile Tyr
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121           20           25           30
123 Trp Ser Pro Thr
124           35
127 <210> SEQ ID NO: 4
128 <211> LENGTH: 42

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129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence
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139     is modified to contain one of the following groups: acetyl,
140     hydrophobic, macromolecular, carbobenzoxyl, dansyl,
141     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
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145 <222> LOCATION: (42)..(42)
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148     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
149     carbohydrate
151 <400> SEQUENCE: 4
153 Met Met Met Asn Trp Ser Pro Thr Ala Ala Leu Leu Arg Ile Pro Gln
154 1           5           10          15
156 Ala Ile Met Asp Met Ile Ala Gly Ala His Trp Gly Val Leu Ala Gly
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159 Ile Lys Tyr Phe Ser Met Val Gly Asn Trp
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172 <221> NAME/KEY: MOD_RES
173 <222> LOCATION: (1)..(1)
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175     is modified to contain one of the following groups: acetyl,
176     hydrophobic, macromolecular, carbobenzoxyl, dansyl,
177     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
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180 <221> NAME/KEY: MOD_RES
181 <222> LOCATION: (30)..(30)
182 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
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184     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
185     carbohydrate
187 <400> SEQUENCE: 5
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190 1           5           10          15
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206 <222> LOCATION: (1)..(1)
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208     is modified to contain one of the following groups: acetyl,
209     hydrophobic, macromolecular, carbobenzoxyl, dansyl,
210     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
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213 <221> NAME/KEY: MOD_RES
214 <222> LOCATION: (35)..(35)
215 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
216     group or one of the following groups: amido, hydrophobic,
217     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
218     carbohydrate
220 <400> SEQUENCE: 6
222 Arg Asp Phe Val Glu Gly Val Ser Gly Gly Ser Trp Val Asp Ile Val
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225 Leu Glu His Gly Ser Cys Val Thr Thr Met Ala Lys Asn Lys Pro Thr
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228 Leu Asp Phe
229     35
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group or
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245     hydrophobic, macromolecular, carbobenzoxyl, dansyl,
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248 <220> FEATURE:
249 <221> NAME/KEY: MOD_RES
250 <222> LOCATION: (35)..(35)
251 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
252     group or one of the following groups: amido, hydrophobic,
253     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
254     carbohydrate
256 <400> SEQUENCE: 7

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258 Arg Asp Phe Ile Glu Gly Ala Ser Gly Ala Thr Trp Val Asp Leu Val
259 1           5           10           15
261 Leu Glu Gly Asp Ser Cys Leu Thr Ile Met Ala Asn Asp Lys Pro Thr
262           20           25           30
264 Leu Asp Val
265           35
268 <210> SEQ ID NO: 8
269 <211> LENGTH: 35
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
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277 <221> NAME/KEY: MOD_RES
278 <222> LOCATION: (1)..(1)
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280     is modified to contain one of the following groups: acetyl,
281     hydrophobic, macromolecular, carbobenzoxyl, dansyl,
282     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
284 <220> FEATURE:
285 <221> NAME/KEY: MOD_RES
286 <222> LOCATION: (35)..(35)
287 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
288     group or one of the following groups: amido, hydrophobic,
289     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
290     carbohydrate
292 <400> SEQUENCE: 8
294 Arg Asp Phe Ile Glu Gly Val His Gly Gly Thr Trp Val Ser Ala Thr
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297 Leu Glu Gln Asp Lys Cys Val Thr Val Met Ala Pro Asp Lys Pro Ser
298           20           25           30
300 Leu Asp Ile
301           35
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312 <220> FEATURE:
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314 <222> LOCATION: (1)..(1)
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316     is modified to contain one of the following groups: acetyl,
317     hydrophobic, macromolecular, carbobenzoxyl, dansyl,
318     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
320 <220> FEATURE:
321 <221> NAME/KEY: MOD_RES
322 <222> LOCATION: (35)..(35)

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RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:37; Xaa Pos. 2

VERIFICATION SUMMARY

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Input Set : A:\12920.0014.00PC00.st25.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0